



Village of Menomonee Falls

W156 N8480 Pilgrim Road

Menomonee Falls, WI 53051-3140

Telephone: (262) 532-4200

Rec. 8/24/17

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section	NE 1/4 Sec 27	Name of Business/Subdivision	Kohler Lane Self Storage
Property Tax ID Number	0105-997-001	Address of Property	N60 W16146 Kohler Lane
Date: 08/10/17			Menomonee Falls, WI 53051 (262) 894-5495

Dry Pond		Location of Pond	
Wet Pond	X		Northeast corner of property
Other			

Year Pond Constructed	2007	Year of Last Certification	2012
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Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter (inches)	12"	12"	X		
Upstream Invert	830.00	830.41	X		
Downstream Invert	829.46	829.70	X		PVC – Good Condition, No obstructions
Length (feet)	36'	36'	X		
Slope (%)	1.5%	1.5%	X		
Secondary Outlet Pipe	(If Applicable)			Outlet Pipe Material	
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					Not Applicable
Slope (%)					
Riser	(If Applicable)			Riser Material	
Opening Diameter (inches)	36"	36"	X		
Elevation	832.55	833.06	X		Concrete Riser & Rebar Grate – Good Condition
Upper Discharge Control	(If Applicable)			Not Applicable	
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes	No	Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter (inches)	2.75"	2.75"	X		
Elevation	830.00	830.44	X		Good Condition, No Obstructions
Other (Description)					
Opening Type and Size (inches)					Not Applicable
Elevation					
Emergency Spillway					
Elevation	833.80	834.0	X		Ground Elevation beneath Riprap
Length of spillway (feet)	15'	10'	X		
Embankment	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation		X			
Animal burrows or slope erosion		X			
Storm Sewer Outfalls	Type & Size		Location		Comments
Outfall 1	15" PVC		SW Corner of Pond		Good Condition
Outfall 2					
Outfall 3					
Storage Properties	Design	Actual	Compliant Yes	No	Equipment Used
Normal Water Elevation (Wet Ponds)	830.00	830.44	X		
Design High Water Elevation	833.75		X		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.08	0.06	X		
Area at Design High Water Elevation (Ac)	0.18	0.12	X		
Active Storage Available (Ac-Ft)*	0.40	0.30	X		
Lowest Elevation at Top of Embankment (If Applicable)	834.00	834.0	X		
Average Elevation at Top of Embankment (If Applicable)					
Maximum Bottom Elevation	826.00	828.00	X		
Average Pond Bottom Elevation					
Pond Bottom Area (Ac)	0.02	0.003	X		
Maximum Pond Depth	4'	2.4'			
Average Pond Depth	4'	1.7'			
Average Permanent Pool Depth (Wet Ponds)	4'	2'	X		

*To Determine Active Storage $V=H/3(A1+A2+(A1xA2)/2)$

Wet Ponds Use H = Height of Section, $A1$ = area at normal water elevation, $A2$ = area at top section

Dry Ponds Use H = Height of Section, $A1$ = pond bottom area, $A2$ = area at top section

Sketch Outlet or Attach to Document

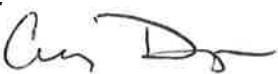


Attach As-built Survey to the Document for the first report submission

Inspection Firm: One Source Consulting
Phone Number: (262) 781-9005
Address: 19435 W. Capitol Drive
Suite L05
Brookfield, WI 53045

Inspector Name : Craig Donze, PE
Inspection Date: 07/20/2017

Certifying Professional Craig Donze
Name:
Phone Number: (262) 781-9005

Date: 08/18/17	Signature: 
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